

What is claimed is:

Sub A1
2 1. A method of creating an automated interactive product comparison guide for providing
3 customers with comparisons between a plurality of products in a class, each
product having a plurality of features, comprising the steps of:

4 a) developing a set of features that apply to the products in the class;

5 b) developing groupings of these features, which serve to organize them
6 thematically, and which groupings can themselves be viewed as
7 features;

8 c) developing a scoring function for each feature, which is used to rank
9 different products based on their values of that feature;

10 d) developing text snippets for each feature, the snippets being phrases to
11 be used when describing or referring to particular product features;

12 e) developing user profiles, the profiles being collections of values of
13 features that are considered to be suitable for different types of users
14 of the product class, and which can serve to help users of the
15 product guide narrow down their product preferences quickly;

16 f) developing snippets for each user profile, the snippets being phrases to be
17 used when describing or referring to particular user profiles.

1 2. The method of claim 1, in which step (c) further comprises the step of testing the
2 scoring function.

Sub A2
2 3. The method of claim 1, in which step (d) further comprises the step of testing the
snippets of the features.

1 4. The method of claim 1, in which step (e) further comprises the step of testing the user
2 profiles.

Sub A3
2 5. The method of claim 1, in which step (f) further comprises the step of testing the
snippets of the profiles.

1 6. The method of claim 1, further comprising the step of providing access to the product
2 comparison guide over a computer network.

1 7 The method of claim 1, further comprising the step of:

2 g) providing customers with product comparisons over a computer
3 network, using the user profile snippets, feature snippets, scoring
4 functions and feature values.

1 8. A method of providing customers with product comparisons over a computer network
2 comprising the steps of:

3 a) creating a product comparison guide for providing customers with
4 comparisons between a plurality of products in a class, each product
5 having a plurality of features, comprising the steps of:

6 i) developing a set of features that apply to the products in the class;

7 ii) developing groupings of these features, which serve to organize
8 them thematically, and which groupings can themselves be
9 viewed as features;

10 iii) developing a scoring function for each feature, which is used to
11 rank different products based on their values of that feature;

12 iv) developing text snippets for each feature, the snippets being
13 phrases to be used when describing or referring to particular
14 product features;

15 v) developing user profiles, the profiles being collections of values of
16 features that are considered to be suitable for different types
17 of users of the product class, and which can serve to help
18 users of the product guide narrow down their product
19 preferences quickly;

vi) developing snippets for each user profile, the snippets being phrases to be used when describing or referring to particular user profiles;

b) accepting a request from a customer over a computer network, the request including preferred values for product features;

c) generating a ranked list of products using preferred values entered in step (b), product feature data, and feature scoring functions, such that rankings are based on each product's score for each feature as computed using its scoring function, which is then weighted according to the preferred values;

d) combining generic phrases with text snippets for individual features and user profiles to generate a display; and

e) returning the display to the customer over the computer network.

9. The method of claim 8, in which step (b) further comprises the step of storing the preferred values in a user preferences database.

10. The method of claim 8, in which the preferred values from step (b) are requested by specifying a user preference from a database.

11. The method of claim 8, in which the display generated in step (d) comprises at least a display and explanation of product rankings.

12. The method of claim 8, in which the display generated in step (d) comprises at least a display and explanation of a comparison between several products.

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